

in which

A is an unsubstituted or [, depending on the possibility of substitution on the ring system,] mono- to tetrasubstituted, aromatic or non-aromatic monocyclic or bicyclic heterocyclic radical, in which the substituents of A are [chosen] selected from the group consisting of C₁-C₃alkyl, C₁-C₃alkoxy, halogen, halo-C₁-C₃alkyl, cyclopropyl, halocyclopropyl, C₂-C₃alkenyl, C₂-C₃alkynyl, halo-C₂-C₃alkenyl, halo-C₂-C₃alkynyl, halo-C₁-C₃alkoxy, C₁-C₃alkylthio, [Halo-C₁-C₃alkylthio] halo-C₁-C₃alkylthio, allyloxy, propargyloxy, allylthio, propargylthio, haloallyloxy, haloallylthio, cyano and nitro;

R is hydrogen, C₁-C₆alkyl, phenyl-C₁-C₄alkyl, C₃-C₆cycloalkyl, C₂-C₆alkenyl or C₂-C₆alkynyl; and X is N-NO₂ or N-CN,

in the free form or in salt form, [if appropriate] optionally tautomers thereof, in the free form or salt form, and one or more of the compounds selected from the group consisting of:

- 2
- | | | |
|---|--------------------------|--------------------------|
| (I) aldicarb; | (XIV) zeta-Cypermethrin; | (XXVII) methamidophos; |
| (II) azinphos-methyl; | (XV) deltamethrin; | (XXVIII) methomyl; |
| (III) benfuracarb; | (XVI) diflubenzuron; | (XXIX) mevinphos; |
| (IV) bifenthrin; | (XVII) endosulfan; | (XXX) parathion; |
| (V) buprofezin; | (XVIII) ethiofencarb; | (XXXI) parathion-methyl; |
| (VI) carbofuran; | (XIX) fenitrothion; | (XXXII) phosalone; |
| (VII) dibutylaminothio; | (XX) fenobucarb; | (XXXIII) pirimicarb; |
| (VIII) cartap; | (XXI) fenvalerate; | (XXXIV) propoxur; |
| (IX) chlorofluazuron; | (XXII) formothion; | (XXXV) teflubenzuron; |
| (X) chlorpyrifos; | (XXIII) methiocarb; | (XXXVI) terbufos; |
| (XI) cyfluthrin; | (XXIV) heptenophos; | (XXXVII) triazamate; |
| (XII) lambda-cy-halothrin; | (XXV) imidacloprid; | (XXXVIII) abamectin; |
| (XIII) alpha-cypermethrin; | (XXVI) isoprocarb; | (XXIX) fenobucarb; |
| (XL) tebufenozide; | (XLIV) fenpyroximate; | (XLVIII) pyrimidifen; |
| (XLI) fipronil; | (XLV) pyridaben; | (XLIX) nitenpyram; |
| (XLII) beta-cyfluthrin; | (XLVI) fenazaquin; | (L)[NI-25,] acetamiprid; |
| (XLIII) silafluofen; | (XLVII) pyriproxyfen; | |
| (LI) avermectin B ₁ [abamectin]; | | |
| (LII) a plant extract which is active against insects; | | |
| (LIII) a preparation which comprises nematodes which [are] <u>is</u> active against insects <u>or acarids</u> ; | | |
| (LIV) a preparation obtainable from Bacillus subtilis <u>which is active against insects or acarids</u> ; | | |
| (LV) a preparation which comprises fungi which [are] <u>is</u> active against insects <u>or acarids</u> ; | | |

(LVI) a preparation which comprises viruses which [are] is active against insects or acarids;

(LVII) AC 303 630;	(LXXIX) chloethocarb;	(CLL) ethoprophos;
(LVIII) acephate;	(LXXX) chloroethoxyfos;	(CIII) etrimphos;
(LIX) acrinathrin;	(LXXXI) chloromephos;	(CIV) fenamiphos;
(LX) alanycarb;	(LXXXII) cis-res-methrin;	(CV) fenbutatin oxide;
(LXI) alphamethrin;	(LXXXIII) clocythrin;	(CVI) fenothiocarb;
(LXII) amitraz;	(LXXXIV) clofentezin;	(CVII) fenpropathrin;
(LXIII) AZ 60541;	(LXXXV) cyanophos;	(CVIII) fenpyrad;
(LXIV) azinphos A;	(LXXXVI) cycloprothrin;	(CIX) fenthion;
(LXV) azinphos M;	(LXXXVII) cyhexatin;	(CX) fluazinam;
(LXVI) azocyclotin;	(LXXXVIII) demeton M;	(CXI) flucycloxuron;
(LXVII) bendiocarb;	(LXXXIX) demeton S;	(CXII) flucythrinate;
(LXVIII) bensultap;	(XC) demeton-S-methyl;	(CXIII) flufenoxuron;
(LXIX) betacyfluthrin;	(XCI) dichlofenthion;	(CXIV) flufenprox;
(LXX) BPMC;	(XCII) dicliphos;	(CXV) fonophos;
(LXXI) brofenprox;	(XCIII) diethion;	(CXVI) fosthiazate;
(LXXII) bromophos A;	(XCIV) dimethoate;	(CXVII) fubfenprox;
(LXXIII) bufencarb;	(XCV) dimethylvinphos;	(CXVIII) HCH;
(LXXIV) butocarboxin;	(XCVI) dioxathion;	(CXIX) hexaflumuron;
(LXXV) butylpyridaben;	(XCVII) edifenphos;	(CXX) hexythiazox;
(LXXVI) cadusafos;	(XCVIII) emamectin;	(CXXI) iprobenfos;
(LXXVII) carbaryl;	(XCIX) esfenvalerate;	(CXXII) isofenphos;
(LXXVIII) carbopheno-	(C) ethion;	(CXXIII) isoxathion;
thion;	(CI) ethofenprox;	(CXXIV) ivermectin;
(CXXV) lambda-	(CXLV) pirimiphos A;	(CLXVI) thiocarb;
cyhalothrin;	(CXLVI) promecarb;	(CLXVII) thiofanox;
(CXXVI) malathion;	(CXLVII) propaphos;	(CLXVIII) thionazin;
(CXXVII) mecarbam;	(CXLVIII) prothiofos;	(CLXIX) thuringiensin;
(CXXVIII) mesulfenphos;	(CXLIX) prothoate;	(CLXX) tralomethrin;
(CXXIX) metaldehyde;	(CL) pyrachlophos;	(CLXXI) triarthen;
(CXXX) metolcarb;	(CLI) pyrada-phenthion;	(CLXXII) triazophos;
(CXXXI) milbemectin;	(CLII) pyresmethrin;	(CLXXIII) triazuron;
(CXXXII) moxidectin;	(CLIII) pyrethrum;	(CLXXIV) trichlorofon;
(CXXXIII) naled;	(CLIV) RH 5992;	(CLXXV) triflumuron;
(CXXXIV) NC 184;	(CLV) salithion;	(CLXXVI) trimethacarb;

(CXXXV) omethoate;

(CXXXVI) oxamyl;

(CXXXVII) oxydemeton-M;

(CXXXVIII) oxydeprofos;

(CXXXIX) permethrin;

(CXL) phenthoate;

(CXLI) phorate;

(CXLII) phosmet;

(CXLIII) phoxim;

(CXLIV) pirimiphos M;

(CLVI) sebufos;

(CLVII) sulfotep;

(CLVIII) sulprofos;

(CLIX) tebufenpyrad;

(CLX) tebupirimphos;

(CLXI) tefluthrin;

(CLXII) temephos;

(CLXIII) terbam;

(CLXIV) tetrachlorovinphos;

(CLXV) thiafenox;

(CLXXVII) vamidothion;

(CLXXVIII) xylylcarb;

(CLXXIX) YI 5301/5302;

(CLXXX) zetamethrin;

(CLXXXI) DPX-MP062;

(CLXXXII) RH-2485;

(CLXXXIII) D 2341; or

(CLXXXIV) [XMC ([3,5-xylylmethylcarbamate[])],

and at least one formulation auxiliary.

3. (Amended) A composition according to claim 1 [or 2,] in which, in the compound of [the] formula (A), the cyclic base skeleton of A contains 2 to 4 double bonds.

4. (Amended) A composition according to [any one of claims] claim 1 [to 3,] in which, in the compound of the formula (A), the cyclic base skeleton of A contains 1 up to and including 4 heteroatoms.

5. (Amended) A composition according to [any one of claims 1 to] claim 4, in which, in the compound of the formula (A), the cyclic base skeleton of A contains 1, 2 or 3 heteroatoms, [chosen] selected from the group consisting of oxygen, sulfur and nitrogen, not more than one of the heteroatoms contained in the cyclic base skeleton being an oxygen or a sulfur atom.

6. (Amended) A composition according to [any one of claims] claim 1 [to 5,] in which, in the compound of the formula (A) the cyclic base skeleton of A is mono-or disubstituted by substituents [chosen] selected from the group consisting of halogen and C₁-C₃alkyl.

7. (Amended) A composition according to [any one of claims 1 to 6,] claim 5 in which, in the compound of the formula (A), the cyclic base skeleton of A is a pyridyl, 1-oxidopyridinio or thiazolyl group.

8. (Amended) A composition according to [any one of claims] claim 1 [to 7,] in which, in the compound of the formula (A), X is N-NO₂.

10. (Amended) A composition according to [any one of claims] claim 1 [to 9,] which comprises 5-(2-chlorothiazol-5-ylmethyl)-3-methyl-4-nitroimino-perhydro-1,3,5-oxadiazine.

11. (Amended) A composition according to [any one of claims] claim 1 [to 10,] which comprises only one of the compounds (I) to (CLXXXIV).

12. (Amended) A composition according to [any one of claims] claim 1 [to 11,] which comprises pyriproxyfen.

13. (Amended) A composition according to [any one of claims] claim 1 [to 11,] which comprises fipronil.

14. (Amended) A composition according to [any one of claims] claim 1 [to 11,] which comprises endosulfan.

15. (Amended) A composition according to [any one of claims] claim 1 [to 11,] which comprises buprofezin.

16. (Amended) A composition according to [any one of claims] claim 1 [to 11,] which comprises pirimicarb.

17. (Amended) A method of controlling pests, which comprises applying a composition as defined in [any one of claims] claim 1 [to 16,] to the pests or their environment.

18. (Amended) A method [according to claim 17,] for the protection of plant propagation material, which comprises treating the plant propagation material or the site where the propagation material is brought out with the composition according to claim 1.

19. (Amended) A process for the preparation of a composition [comprising at least one auxiliary] as defined in [any one of claims] claim 1 [to 16,] which comprises intimately mixing the active compounds with [the] one or more formulation [auxiliary or] auxiliaries.